How to Fix a Sagging Lagun Table Mount

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This documents the process and required materials for fixing the problem of sagging Lagun tables. The mounts for your own tabletop are sold for use on boats and recreational vehicles, and are very useful indeed. But the plastic bearings that the tables are made with inevitably wear, at which point your tabletop has no chance of resting level. There are plenty of videos out there showing how people have attempted to deal with the problem, but I humbly submit that this is the most effective method.

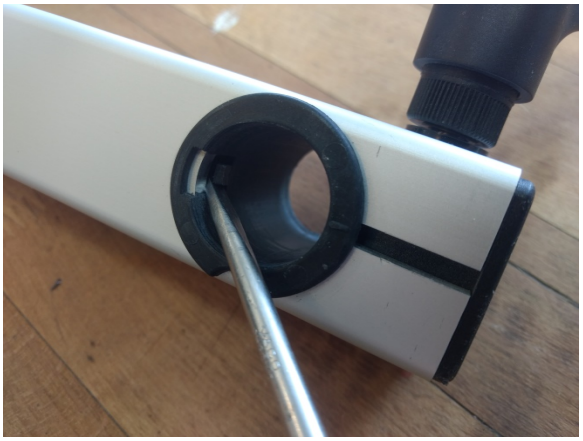
You will need to order the bearing sleeve parts shown below, so do that before disassembling anything. You will also need a strong epoxy as filler.

Here's the basic problem. Once the plastic bearings wear, the arm supporting the table (table not shown here) begins to sag. The table will always tilt.

The root cause is the plastic bearings at each end of the arm, shown here. Each bearing assembly has an inner cylinder and an outer ring.

Removing the arm from the post reveals the inner bearing that is part of a larger piece of plastic that is press fitted into the post. Do not remove this.

A similar inner bearing is integrated into the table mount. Do not remove this, either.



The plastic sleeves that are fitted into each end of the arm do need to be removed, as these will be replaced. Loosen or remove the tightening handle first. A pick or screwdriver helps, and these will be discarded.

I also used the new bearing sleeves (see below) to help press out the outer plastic sleeve.

Here the outer sleeve has been removed.

Item #	Model #	Item Description	Order Qty	Ship Qty
G803888680	ZUSAB-PB-127	PTFE Lined Wrapped Plain Sleeve Bearing - 25mm ID x 28mm OD x 50mm Long	2	2 Each

Order these two sleeve bearings beforehand. These are the inner sleeves for the rotating parts. There is no replacement outer sleeve, as the nicely machined arm (pictured above) fits just right around the inner sleeve.

ZUZAB-PB-127
PTFE Lined Wrapped Plain Sleeve Bearing
25 mm ID × 28 mm OD × 50 mm long

I ordered item # G803888680 from Zoro.com.

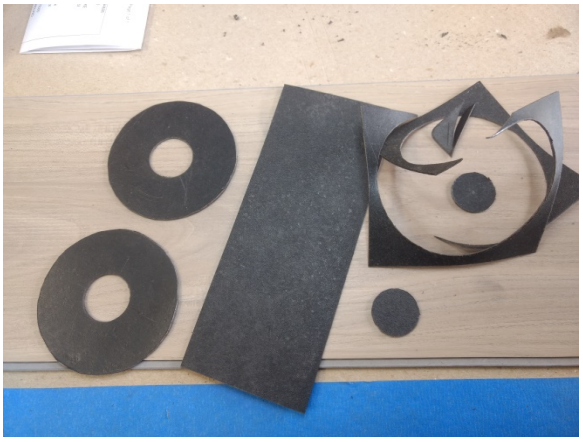
Here is the sleeve temporarily placed in the arm to verify how nicely it fits.

Slip the new metal bearing sleeve over the plastic post. Do the same on the table mount. The next step is to secure this in place, since there is just a bit of slop.

This is the key step. While holding the sleeve up in a half-installed position, mix up some epoxy and pour just a bit onto the post. Work the sleeve down over the post, making sure that the epoxy fills in the empty space around the sleeve. Once the sleeve is all the way down, add enough epoxy to finish the end, covering the plastic. Clean up any spillage.

Do the same for the table mount. Let that set a good long time. I left it overnight.

I found that later it became necessary to add a large flat washer screwed into the bottom of the post on the table mount after putting it onto the arm, since even with the epoxy the metal sleeve wanted to move down a bit. The washer is of larger diameter than the metal sleeve, further securing it in place.



I cut some large "washers" from a heavy plastic report cover sleeve. I used only one of them, between the arm and the table mount. This serves as a low(er) friction surface as the table rotates.

Here is the finished table top and post, ready to reassemble onto the arm.

The table mount is deliberately off center, adding utility in the RV where it lives.

The table was made from some cherry that I had laying around, and is cut to the shape of a superellipse. In addition to being naturally pleasing, this shape works out very well for us, with no sharp corners.

Enjoy your horizontal table!